

Abstract

- 5 The present invention relates to dispersing agents for pigments or extenders based
on acrylic acid alkyl ester polymers, wherein at least part of the ester groups of the
polymers is reacted to form acid amides, wherein the dispersing agent is obtainable
by the aminolysis of ester groups of the polymers by means of amines, wherein, for
the aminolysis, at least one amine is used from the group comprising a) amines of
10 general formula $\text{NH}_2 - \text{R}^1 - \text{NR}^2\text{R}^3$, wherein R^1 is a divalent alkylene radical
comprising 2 – 4 carbon atoms and R^2 and R^3 are aliphatic and/or alicyclic alkyl
radicals which comprise 1 - 12, preferably 1 - 6 carbon atoms and which can be the
same or different, and b) amines of general formula $\text{NH}_2 - \text{R}^1 - \text{Z}$, wherein R^1 is a
divalent alkylene radical comprising 2 - 4 carbon atoms and Z is a 5- or 6-
15 membered N-containing heterocycle which can comprise up to 2 nitrogen atoms or
which can additionally comprise oxygen.

The invention also relates to the use of the dispersing agents according to the
invention for the production of pigment concentrates and coating media, and to a
20 process for producing the dispersing agents.